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Serial Number 10/674,613 Docket Number YOR920030229US1

Amendment2

## **REMARKS**

Claims 1-26 remain in the application. Claims 1-26 have been rejected. Claims 1 and 22 have been amended. Applicant requests reconsideration of the rejections in view of the amendments and the following remarks.

## **REJECTION UNDER 35 U.S.C. §102**

The Office Action rejected claims 1-26 under 35 U.S.C. 102(e) as being anticipated by Sawada (US 6,909,902). Claim 1 provides logic for determining a target location for improved communication for the wireless unit and a transmitter for transmitting directions directing the user of the wireless unit to the target location. Claim 1, as amended, states that "changing a position of the wireless unit from the recent position to the target location is more likely to result in improved reception and transmission of wireless signals to and from a wireless access point."

Sawada teaches a method for radio-determining the location of a desired mobile station. (See Abstract) Sawada does not teach or suggest transmitting directions to a location where better (improved) reception can be obtained even if the mobile unit is already being serviced by a mobile station. Sawada teaches eliminating transmission paths that are "not good." "The above-described objects are also achieved by radio base station equipment characterized in that it refrains from using the results of radio determination of determination states when the quality of the radio transmission path used for the radio determination of the determination station is not good." (See Sawada, col. 4, lines 55-60) "The determination station 21A discards results of a used radio channel having transmission quality lower than a predetermined lower limit, the results being contained in results of the radio determination described above." (See Sawada, col. 11, lines 64-67) This is not the same as receiving a wireless unit's most recent communication path, and even if the current path is adequate, directing the user to a better (improved) communication path by changing the location of the wireless unit. Sawada does not teach logic

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for finding an improved path, instead Sawada is limited to dropping any paths that are not at least as good as the current path. Sawada is mainly concerned with finding the most economical communication paths of a minimum quality standard and is not concerned with expending energy to find a more improved communication path.

Sawada does not teach or suggest directing a user of the wireless unit to change the direction of the wireless unit to a target location to achieve improved transmission. Sawada handles all of its location determination passively, at a radio base station. Nowhere in Sawada does the radio base station communicate with the wireless units to direct their movement. Instead, Sawada's base station communicates positions to determination stations, some of which may be wireless units. "The radio base station equipment of the structure described above radiodetermines the locations of determination stations by itself and notifies the results to the determination stations and determination target stations." (See Sawada col. 11, lines 39-42) Sawada does not teach or suggest affecting the position of a wireless unit for improving communication signals. In fact, Sawada dos not make any attempt to alter the position of a wireless unit. Instead, Sawada sets up some wireless units as mobile stations and then "copes" with their movement. "Therefore, determination of a desired determination target station is stably continued while flexibly coping with movement of determination stations and the state of operations." (See Sawada, col. 11, lines 13 - 15) The teachings of Sawada provide a method for economically achieving a minimum quality of reception while changing locations. The instant application provides a method for using a positional change of a wireless unit to achieve improved radio reception and transmission.

Claims 2-9 are dependent on claim 1 and are not anticipated by Sawada for at least the same reasons that claim 1 is not anticipated by Sawada.

Claim 10 is a method counterpart claim to claim 1 and is therefore not anticipated by Sawada for at least the same reasons that claim 1 is not anticipated by Sawada.

Claims 11-17 are dependent upon claim 10 and are therefore not anticipated by Sawada for at least the same reasons that claim 10 is not anticipated by Sawada.

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Claim 18 is a computer program product counterpart to claim 1 and is therefore not anticipated by Sawada for at least the same reasons that claim 1 is not anticipated by Sawada. Claims 19-21 are dependent upon claim 18 and hence are not anticipated by Sawada for at least the same reasons that claim 18 is not anticipated by Sawada.

Claim 22 is directed to a wireless communication system that comprises processor logic for determining a target location for the wireless telecommunication unit based in part on information representing a recent location of the wireless unit, wherein the target location is more likely to result in better reception of wireless signals. Sawada is directed to radio base station equipment. Sawada does not teach or suggest a wireless communication unit with a processor as stated above. Claims 23-26 are dependent on claim 22 and hence are not anticipated by Sawada for at least the same reasons that claim 22 is not anticipated by Sawada.

For the foregoing reasons, Applicant respectfully requests entry of the amendment and allowance of the pending claims.

Respectfully submitted,

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## Certificate of Facsimile Transmission

I hereby certify that this Amendment and Response to Office Action, a Request for Continued Examination, and any documents referred to as attached therein are being transmitted to the U.S. Patent and Trademark Office by facsimile, to fax number 571 273-8300.

Michael J. Buchenhorner

Michael J. Blockwhan

Date: October 27, 2006